

INTERNATIONAL SEARCH REPORT

Intern	Application No
PCT/IB2004/052519	

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H01L51/20

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/021694 A (KONINKLIJKE PHILIPS ELECTRONICS N.V.; PHILIPS CORPORATE INTELLECTUAL PR) 13 March 2003 (2003-03-13) page 3, lines 14-34 - page 4, lines 9-15 page 5, lines 9-23 - page 6, lines 10-15 page 7, lines 30-34	1,3,4, 6-10
Y	-----	2,11-13
X	WO 03/084292 A (MASSACHUSETTS INSTITUTE OF TECHNOLOGY; BULOVIĆ, VLADIMIR; COE, SETH, A) 9 October 2003 (2003-10-09) page 11, lines 16-30 page 12, lines 1-13 page 13, lines 8-31 - page 14, lines 12-18 page 17, lines 7,8,14-16 - page 18, lines 14-16 ----- -/--	1-4,6-9, 11-13

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

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- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

4 May 2005

Date of mailing of the international search report

17/05/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	BAKUEVA L ET AL: "Size-tunable infrared (1000–1600 nm) electroluminescence from PbS quantum-dot nanocrystals in a semiconducting polymer" APPLIED PHYSICS LETTERS, AMERICAN INSTITUTE OF PHYSICS. NEW YORK, US, vol. 82, no. 17, 28 April 2003 (2003-04-28), pages 2895-2897, XP012033900 ISSN: 0003-6951 page 2895, right-hand column - page 2896, left-hand column page 2897, left-hand column	2,11-13
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Y	PATENT ABSTRACTS OF JAPAN vol. 2002, no. 02, 2 April 2002 (2002-04-02) -& JP 2001 279240 A (TOSHIBA CORP), 10 October 2001 (2001-10-10) abstract paragraphs '0095!, '0096!	11-13
A		1-13

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Information on patent family members

Interr

I Application No

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			JP 2005502176 T	20-01-2005
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